

IN THE CLAIMS:

Kindly rewrite Claims 1-409 and add Claims 410-418, as follows:

1-388. (Cancelled)

389. (Currently Amended) A Wwafer boat preform comprising:
a wafer boat perform formed of a boat fabrication material selected from a the group
 consisting of
silicon,
silicon compound comprising at least one silicon atom and in which silicon is a majority,
silicon and germanium,
 $\text{Si}_x\text{Ge}_{1-x}$ $\text{Si}_{x1}\text{Ge}_{1-x1}$ solid solution, wherein $0 < X1 \leq 1$,
silicon and Silicon Carbide $\text{Si}_x(\text{SiC})_{1-x}$, silicon carbide $\text{Si}_{x2}(\text{SiC})_{1-x2}$, wherein $0.3 < X2 \leq 1$,
Ssilicon and silicon dioxide $\text{Si}_{x3}(\text{SiO}_2)_{1-x3}$ $\text{Si}_x(\text{SiO}_2)_{1-x}$, wherein $0 < X3 < 1$,
silicon and any a ceramic and in which silicon is the majority material,
silicon and any an oxide $\text{Si}_{x4}(\text{Oxide})_{1-x4}$ $\text{Si}_x(\text{Oxide})_{1-x}$, wherein $0 < X4 \leq 1$,
silicon and any a metal $\text{Si}_{x5}\text{M}_{1-x5}$ $\text{Si}_x\text{M}_{1-x}$, wherein $0 < X5 \leq 1$,
Ssilicon and any a metal alloy $\text{Si}_{x6}\text{A}_{1-x6}$ $\text{Si}_x\text{A}_{1-x}$, wherein $0 < X5 \leq 1$, and
any combinations thereof between themselves, or made from composite material wherein
 $0 < x < 1$.

390. (Currently Amended) The process wafer boat preform of claim 389393, wherein
forming comprises:
the boat is made by pressing the boat fabrication material within a die having a desired
shape and form;
sintering, or melting the pressed boat fabrication material;
cooling it down the sintered boat fabrication material at a desired cool-down regime; and
machining it the cooled boat fabrication material to a desired tolerance.

391. (Currently Amended) The wafer boat preform of claim ~~390~~389, wherein the boat fabrication material is powder, and further comprising ~~mixed with organic compounds, and/or inorganic compounds, or both,~~ for shaping purposes.

392. (Currently Amended) The ~~process wafer boat preform of claim 389~~390, wherein the melting or sintering is preceded by at least one or more steps of purging and purification/purifying.

393. (Currently Amended) A process for fabrication of wafer boat preforms, comprising:
 _____ providing a boat fabrication material selected from a ~~the~~ group consisting of
 _____ silicon,
 _____ silicon and germanium,
 _____ $\text{Si}_{x1}\text{Ge}_{1-x1}$ solid solution, wherein $0 \leq x1 \leq 1$,
 _____ silicon and silicon carbide $\text{Si}_{x2}(\text{SiC})_{1-x2}$, wherein $0.3 \leq x2 \leq 1$,
 _____ silicon and silicon dioxide $\text{Si}_{x3}(\text{SiO}_2)_{1-x3}$, wherein $0 \leq x3 \leq 1$,
 _____ silicon and a ceramic and in which silicon is the majority material,
 _____ silicon and an oxide $\text{Si}_{x4}(\text{Oxide})_{1-x4}$, wherein $0 \leq x4 \leq 1$,
 _____ silicon and a metal $\text{Si}_{x5}\text{M}_{1-x5}$, wherein $0 \leq x5 \leq 1$,
 _____ silicon and a metal alloy $\text{Si}_{x6}\text{A}_{1-x6}$, wherein $0 \leq x5 \leq 1$, and
 _____ combinations thereof; and ~~silicon, silicon compound comprising at least one silicon atom, silicon and germanium $\text{Si}_x\text{Ge}_{1-x}$ solid solution, silicon and silicon carbide $\text{Si}_x(\text{SiC})_{1-x}$, Silicon and silicon dioxide $\text{Si}_x(\text{SiO}_2)_{1-x}$, silicon and any ceramic, silicon and any oxide $\text{Si}_x(\text{Oxide})_{1-x}$, silicon any metal $\text{Si}_x\text{M}_{1-x}$, Silicon and any allot $\text{Si}_x\text{A}_{1-x}$, any combination between themselves, or made from composite material, wherein $0 \leq x \leq 1$~~
 _____ forming a wafer boat preform from the boat fabrication material.

394. (Currently Amended) The process of claim 393, ~~further comprising wherein~~
forming comprises
_____extruding the boat fabrication material within a die having a desired shape and form;
_____sintering the extruded boat fabrication material;
_____cooling ~~it down~~ the sintered boat fabrication material at a desired cool-down regime; and
_____machining ~~it the~~ cooled boat fabrication material to a desired tolerance.

395. (Currently Amended) The process of claim ~~394~~393, wherein the boat fabrication material is powder.

396. (Currently Amended) The process of claim ~~395~~393, wherein the boat fabrication material is powder, ~~mixed and further comprising with organic materials, or inorganic materials, or both.~~

397. (Currently Amended) The process of claim ~~394~~390, wherein pressing is ~~done~~
comprises pressing under reduced or high pressure of inert or reactive gas.

398. (Currently Amended) The process of claim 397, wherein the reactive gas is
comprises a mixture between of atomic or charged molecular state gas, ~~such as optionally~~ plasma gas, and a neutral inert or reactive gas.

399. (Currently Amended) A process ~~Process~~ for fabrication of a member having the
shape of a tube, a plate, or a rod or any other shape or form consisting of, the process
comprising:
_____providing a material selected from ~~a the~~ group consisting of
_____silicon,
_____silicon and germanium,

~~_____ $\text{Si}_{x1}\text{Ge}_{1-x1}$ solid solution, wherein $0 \leq x1 \leq 1$,~~
~~_____ silicon and silicon carbide $\text{Si}_{x2}(\text{SiC})_{1-x2}$, wherein $0.3 \leq x2 \leq 1$,~~
~~_____ silicon and silicon dioxide $\text{Si}_{x3}(\text{SiO}_2)_{1-x3}$, wherein $0 \leq x3 \leq 1$,~~
~~_____ silicon and a ceramic and in which silicon is the majority material,~~
~~_____ silicon and an oxide $\text{Si}_{x4}(\text{Oxide})_{1-x4}$, wherein $0 \leq x4 \leq 1$,~~
~~_____ silicon and a metal $\text{Si}_{x5}\text{M}_{1-x5}$, wherein $0 \leq x5 \leq 1$,~~
~~_____ silicon and a metal alloy $\text{Si}_{x6}\text{A}_{1-x6}$, wherein $0 \leq x5 \leq 1$, and~~
~~_____ combinations thereof; and silicon, silicon compound comprising at least one~~
~~silicon atom, silicon and germanium, $\text{Si}_x\text{Ge}_{1-x}$ solid solution, silicon and silicon carbide $\text{Si}_x(\text{SiC})_{1-x}$,~~
 ~~Si_x Silicon and silicon dioxide $\text{Si}_x(\text{SiO}_2)_{1-x}$, silicon and any ceramic, silicon and any oxide~~
 ~~$\text{Si}_x(\text{Oxide})_{1-x}$, silicon any metal $\text{Si}_x\text{M}_{1-x}$, Silicon and any alloy $\text{Si}_x\text{A}_{1-x}$, any combination between~~
~~themselves, or made from composite material, wherein $0 \leq x \leq 1$~~
~~_____ forming a tube, a plate, or a rod from the material.~~

400. (Currently Amended) The process of claim 399, further comprising:
~~_____ heating and melting or sintering the material, made with a preceded with molding the~~
~~material in a mold having a desired shape and form; or~~
~~_____ heating and melting or sintering the material, transferring the material to a the mold,~~
~~solidifying it the material, cooling it down the solidified material at a desired cool-down regime,~~
~~removing the mold, machining it the cooled down material to a the desired tolerance, and~~
~~sintering again the cooled down material.~~

401. (Currently Amended) The process of claim 400399, wherein the material is
~~powder and further comprises mixed with organic materials or inorganic materials.~~

402. (Currently Amended) The process of claim 400399, wherein the melting is done
~~comprises melting in a vacuum chamber.~~

403. (Currently Amended) The process of claim 400, wherein ~~the melting or sintering is done~~ comprises melting or sintering under reduced or high pressure of inert and reactive gas.

404. (Currently Amended) The process of claim 400, further comprising:
at least one of purging and purifying, before said ~~wherein the melting or sintering is~~
~~preceded by one or more steps of purging and purification.~~

405. (Currently Amended) The process of claim 399, wherein forming comprises
~~further comprising fabricating a wafer boat~~ member members from said ~~having shape of tube,~~
~~plate, or rod or any other shape.~~

406. (Currently Amended) The process of claim 405, further comprising:
cutting the member or solidified boat in two along medial lines;
forming openings in cylindrical walls of said member; ~~and~~
coating and fusing a depositing material on top of base ~~the member~~ material.

407. (Currently Amended) The process of claim 405, further comprising:
forming slots in inward and/or outward ribs or extensions, and forming slots in the ribs or
extensions; or
forming boat ends of the boats having with complementary steps to permit connect
connection of the boat at least two boats end-to-end in an axial stack or row.

408. (Currently Amended) The process of claim 407 ~~399~~, further comprising wherein
forming comprises:
forming a chamber liner, and applying to the chamber liner to a process chamber, and
forming a chemical vapor deposition (CVD) station with the process chamber; or,

halving ~~formed~~ tubes lengthwise, optionally cutting windows in said halved tubes,
slotting inward ribs or extensions in the tubes, or the inner walls are slotted, and forming a
 vertical boat, ~~and in parallel steps;~~ or

 halving tubes lengthwise, optionally cutting windows in said halved tubes, plotting
slotting the boat halved tubes, and forming a horizontal boat.

409. (Cancelled)

410. (New) A wafer processing boat preform made by a process comprising:
 selecting a silicon material from the group consisting of $\text{Si}_x(\text{SiC})_{1-x}$, $\text{Si}_x\text{Ge}_{1-x}$, $\text{Si}_x(\text{SiO}_2)_{1-x}$,
 $\text{Si}_x(\text{Oxide})_{1-x}$, $\text{Si}_x\text{M}_{1-x}$, and $\text{Si}_x\text{A}_{1-x}$, wherein M is a metal, A is a metal alloy, and $0 < x < 1$;
 forming a boat preform from said silicon material into a desired shape, wherein forming
 is selected from the group consisting of
 forging at a temperature T, $200^\circ\text{C} \leq T \leq 1200^\circ\text{C}$, and at a pressure of up to 1000
 ton/cm²,
 casting, and
 extruding at a temperature T, $200^\circ\text{C} \leq T \leq 1200^\circ\text{C}$, and at a pressure of up to
 1000 ton/cm².

411. (New) A wafer processing boat according to Claim 410, wherein forming
 comprises forging and selecting comprises selecting $\text{Si}_x\text{Ge}_{1-x}$.

412. (New) A wafer processing boat according to Claim 410, wherein forming
 comprises extruding and selecting comprises selecting $\text{Si}_x\text{Ge}_{1-x}$.

413. (New) A wafer processing boat according to Claim 410, wherein forming
 comprises casting and selecting comprises selecting $\text{Si}_x\text{Ge}_{1-x}$.

414. (New) A wafer processing boat according to Claim 410, wherein the silicon material is single crystal silicon.

415. (New) A wafer processing boat according to Claim 410, wherein the silicon material is polycrystal silicon.

416. (New) A wafer processing boat according to Claim 410, wherein the silicon material is granular or amorphous silicon powder.

417. (New) A wafer processing boat according to Claim 410, wherein the silicon material is silicon powder mixed with organic and/or inorganic compounds for shaping.

418. (New) A wafer processing boat according to Claim 410, wherein forming comprises forging in vacuum or at a reduced pressure in an inert or reactive gas atmosphere.